

## Brand Test Tool (BTT)

Validate payment devices before connecting to payment networks.

### Overview.

Payment schemes mandate proper testing before payment devices may connect to their network infrastructure. This is to ensure interoperability and an EMV®-compliant, payment association certified terminal performing trouble-free transactions within your payment infrastructure.

Perform the brand testing easily and successfully.

**Brand Test Tool (BTT)** assists in performing the brand testing processes and provides all mandatory tests implemented for Point of Sale terminals, Mobile POS devices, Automated Teller Machines, Vending machines and other payment devices.

### How it works.

BTT runs on your computer and connects to your device under test using our dedicated hardware. For each test there is a set of easy-to-follow instructions that will guide you through the test step-by-step.

Fime can help you at any stage of your project lifecycle.

Define

Design

Deliver

Test



Easy and effective brand testing.

Used by  
Fime Labs

### Key benefits

- Use one brand certification tool for all major payment brands.
- Benefit from fully integrated EMVCo L3 functionality.
- Be always up-to-date with the latest specifications.
- Perform tests with clear on-screen user guidance.
- Supports integration with M-TIP and Visa L3 test processes.

### Key features

- Includes **Card Simulator** and **Card Spy**.
- Simulate cards without the need for physical contact, contactless and magstripe cards.
- Use officially qualified components for EMVCo L3 CS, L3 TSE and L3 TT.
- Allows unattended testing through its integrated test automation module.
- Supports all card simulations for EMV-in-transit.



Libraries.

Supported test plans for payment brands	
American Express	AEIPS for contact, Expresspay for contactless, Quick Chip, Pre-Tap, Global AFD, Transit.
Diners Club International	Acquirer E2E
Discover	DGN L3 and Network Acquirer E2E.
Debit Network Alliance (DNA)	Terminal Certification POS Pin Debit E2E.
Interac	Terminal Application Canada and US, interoperability for contactless.
JCB	Terminal Check for Implementation (TCI) for contact and contactless.
Mastercard	M-TIP for contact and contactless.
PULSE	POS Pin Debit End-to-End and PULSE ATM End-to-End.
UnionPay	Dual card.
Visa	L3, ADVT, CDET, Visa US.

Supported simulation of cards	
American Express	Contact AEIPS and contactless Expresspay Card Images.
Mastercard	M-TIP Card Images for contact and contactless.
	NIV Card Images for contact, contactless and magstripe.
UnionPay	Card Images.
Visa	L3 Card Images for contact and contactless, contact ADVT Card Images, and contactless CDET.

\*EMV® is a registered trademark in the U.S. and other countries and an unregistered trademark elsewhere. The EMV trademark is owned by EMVCo, LLC.

What’s in the box?

- **BTT** software (including **Card Simulator** and **Card Spy**).
- Hardware key.
- **SmartConnect** (for contact and contactless cards, optional).
- **SmartLink Box** (for contact cards, optional).
- **SmartWave Box** (for contactless cards, optional).
- **SmartStripe** (for magnetic stripe card testing, optional).

Optional modules.

**Host simulator module.**  
Allows to set host configuration parameters at your discretion. Use test results from the qualified host simulation for Visa and Discover certification processes, and pre-certification for Mastercard and Amex.

**ATM certification module.**  
Test and certify ATMs with physical cards. Mastercard, Visa, American Express, Discover, Diners Club, UnionPay and JCB have qualified the ATM certification module.

**Mobile payments module.**  
Determine whether your payment infrastructure can accept mobile payments by simulation of mobile payment wallets behavior and test how your terminal behaves when Mobile CVM is required.

**Integrated test automation module.**  
Create a fully automated terminal test environment in combination with your test automation environment using a TCP / IP connection.

**Brand Test Tool for UnionPay.**  
Validate payment devices before connecting to the UnionPay payment network in China using all mandatory test cases implemented for contact and contactless POS and ATM terminals.

Contact

To learn more about how Fime can help your business:  
[fime.com](https://fime.com)  
[sales@fime.com](mailto:sales@fime.com)